

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-085-33
HORSE CAVE QUADRANGLE
69 KENTUCKY
N3708-48545/15
DIAGRAM NJ 16-9
WINCHESTER

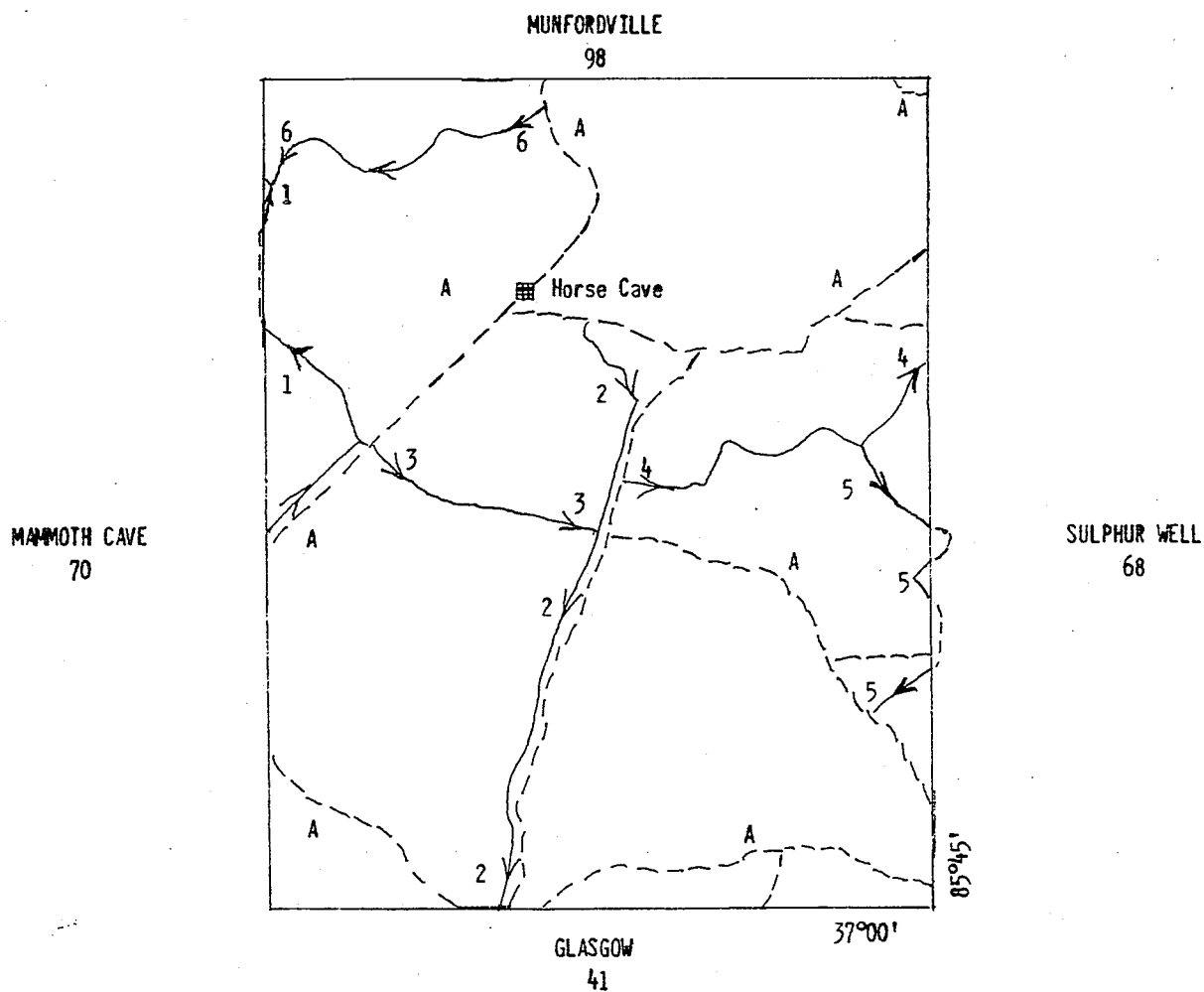
Barren, Hart and Metcalfe Counties

Final adjustment of 1973

Edition of 10/13/76

PR: WSM/mjh

Only the permanent marks
are listed for lines
run more than 25 years
before edition date.



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370853

INDEX OF PERMANENT MARKS

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ISOLATED BENCH MARKS (By F. J. McNaugh, 1922, A. B. Williams, 1923; Books B 1339 and B 1617)	<u>Feet</u>
Cave City, 2.5 mi SW. of; 4.0 mi NE. of Glasgow; 30 ft N. and 15 ft W. of I-rd. S.; 10 ft W. of gate; 1.5 ft S. of fence; in concrete post; standard tablet stamped "PRIM TRAV STA NO 21 1920 KY 1 MCM 1922"	726.319
Glasgow, 5.0 mi W. of; on N. side of rd. between creek and I-rd. N.; 10 ft W. of W. end of wall of W. abutment of iron bridge over Beaver Creek; 650 ft N. of new bridge on Highway #68; on iron post; standard cap stamped "PRIM TRAV STA NO 19 1920 KY 3 MCM 1922"	609.009
Sinking Spring School; 2.25 mi W. of Glasgow; 800 ft W. of RR. crossing; 400 ft W. of rd. running S.; on N. side of rd.; set vertically in E. side of SE. foundation stone of schoolhouse; standard tablet stamped "W 4 1923 KY" (Reported Destroyed, 1965)	777.445

LINE 1.

By G. W. Moore, 1930; Book B 3832	
Cave City, 1.3 mi NE. of; 330 ft S. of point where Barren-Hart County line crosses rd.; 7 ft E. of leaning cedar; in front of house of W. Isenburg; in solid rock; standard tablet stamped "PRIM TRAV STA NO 25 1920 KY" (Reported not found, 1966)	676.250
Reference mark; 90 ft S. of tablet; in root of 15-in. oak tree; copper nail and washer	675.01

LINE 2.

By D. C. Antrobus, 1934; Book B 5085	
Bear Wallow, 0.75 mi N. of; 3.5 mi SE. of Horse Cave; 20 ft E. of hwy. and 60 ft S. of I-rd. E.; at cemetery of Willis family; in concrete post; standard tablet stamped "TI 26 TN 1933 674"	674.498
Reference mark; 150 ft SE. of tablet; 15 ft NE. of rd.; in root on NW. side of 18-in. white oak tree; copper nail and washer	674.34
U. E., Bear Wallow, 0.9 mi S. of; 250 ft N. of private rd. W.; 10 ft W. of rd.; on NW. corner of concrete headwall; chiseled square	747.28
Bear Wallow, 2.6 mi S. of; 0.25 mi N. of hwy. W. to Cave City; 170 ft W. of Jackson Highway; 50 ft S. of I-rd. W.; in grounds of Jefferson Seminary School; in top of concrete foundation of pump; standard tablet stamped "TI 27 TN 1933 715" (Reported disturbed, 1966)	715.352
Reference mark; 120 ft E. of tablet; 50 ft W. of Jackson Highway; in root on W. side of 30-in. white-oak tree; copper nail and washer	716.19
U. E., Bear Wallow, 3.5 mi S. of; 500 ft S. of two-story frame dwelling; 12 ft E. of rd.; on SE. corner of concrete headwall; chiseled square	719.06
U. E., Goodnight, 1.0 mi S. of; 500 ft S. of one-story frame dwelling; 12 ft NW. of rd.; on SW. corner of concrete headwall; chiseled square	748.69

LINE 2 (Cont'd.)Feet

Griderville, about 2.85 mi S. of intersection of State Highway 70, along U. S. Highway 31E; 0.1 mi N. of power substation; at W. corner of lawn; 88 ft W. of W. corner of two-story house; 32 ft SE. of centerline of hwy.; 10 ft N. of fence corner; 26 ft WSW. of southwesternmost one of ten large maple trees in front lawn; 2 ft NW. of hedge row; about level with hwy.; in concrete post projecting 2 in.; standard tablet stamped "TT 31 TN 1933 813" (Not found, 1966) 812.695

Reference mark; 190 ft SW. of tablet; on SW. corner of concrete headwall; chiseled square 816.48

U. E., Glasgow, 4.6 mi N. of; 0.2 mi N. of I-rd. E. at small store; 12 ft E. of rd.; on NE. corner of concrete headwall; chiseled square 779.43

Glasgow, 3.0 mi N. of; 600 ft N. of concrete bridge over Beaver Creek; 40 ft E. of Jackson Highway; 60 ft W. of SW. corner of house; in SW. corner of yard; in concrete post; standard tablet stamped "TT 32 TN 1933 669" (Not found, 1966) 669.478

Reference mark; 20 ft N. of tablet; in root on W. side of 24-in. cedar tree; copper nail and washer 669.75

U. E., Glasgow, 0.8 mi N. of courthouse; 470 ft S. of bend in rd.; on NE. corner of concrete headwall; chiseled square 776.89

LINE 3.

By D. C. Antrobus, 1934; Book B 5085

U. E., Cave City, 1.3 mi E. of; 0.2 mi E. of large barn S. of rd.; 20 ft S. of rd.; on SE. corner of concrete headwall; chiseled square 651.01

Cave City, 2.5 mi E. of; 200 ft E. of pond; 150 ft W. of small woods; 25 ft S. of hwy.; directly opposite two-story frame dwelling owned by Mr. H. M. Fishback; in concrete post; standard tablet stamped "TT 28 TN 1933 713" (Destroyed, 1966) 713.339

Reference mark; 220 ft W. of tablet; 15 ft S. of rd.; on SE. corner of concrete headwall; chiseled square 705.43

U. E., Cave City, 4.5 mi E. of; 0.85 mi W. of Jackson Highway; 15 ft S. of rd.; on SE. corner of concrete headwall; chiseled square 780.38

LINE 4.

By D. C. Antrobus, 1934; Book B 5085

Park, 3.5 mi W. of; 1.6 mi E. of Jackson Highway; 30 ft N. of junction of I-rd. S.; in SE. corner of yard; in concrete post; standard tablet stamped "TT 37 TN 1933 699" 699.005

Reference mark; 170 ft E. of tablet; 25 ft S. of rd.; in root on NE. side of 36-in. oak tree; copper nail and washer 692.90

Park; 40 ft W. of rd. to Natural Bridge; 120 ft N. of I-rd. W.; 150 ft N. of store and post office owned by W. M. Hutchens; in concrete post; standard tablet stamped "TT 36 TN 1933 716" 715.930

LINE 4 (Cont'd.)Feet

Reference mark; 0.18 mi NE. of tablet; at I-rd. SE.; 30 ft SE. of small store; in root on SW. side of 15-in. locust tree; copper nail and washer	717.04
Three Springs, 0.25 mi S. of; 120 ft E. of crossroads; 2 ft N. of W. corner of church; in concrete post; standard tablet stamped "TT 34 TN 1933 667"	667.240
Reference mark; 110 ft N. of tablet; in root on W. side 1 ft from trunk of 24-in. twin oak tree; copper nail and washer	659.15
Pascal, 1.1 mi S. of; 4.6 mi NE. of Seymour; 20 ft E. of rd.; 20 ft S. of I-rd. E.; in concrete post; standard tablet stamped "TT 33 TN 1933 674"	673.716
Reference mark; 60 ft SW. of tablet; 12 ft SE. of rd.; in root on NW. side of 12-in. white oak tree; copper nail and washer	674.38
U. E., Pascal, 15 ft W. of crossroads; in front of store of Lester Bailey; on concrete foundation of gasoline pumps; chiseled square	722.19
Hardyville, 2.3 mi E. of; 20 ft NE. of Hardyville-Monroe Road; 30 ft NW. of I-rd. E.; near large oak tree; in S. corner of field; in concrete post; standard tablet stamped "TT 24 TN 1933 691"	691.244
Reference mark; 30 ft SW. of tablet; in root on NE. side of 24-in. red oak tree; copper nail and washer	688.87

LINE 5.

By D. C. Antrobus, 1934; Book B 5085

Echo, 2.2 mi N. of; 4.3 mi SE. of Hiseville; 1.0 mi S. of church; 30 ft S. of rd.; 20 ft W. of I-rd. S.; in NE. corner of field; in concrete post; standard tablet stamped "TT 40 TN 1933 878"	878.226
Reference mark; 240 ft E. of tablet; 12 ft N. of rd.; in root on W. side of 12-in. red oak tree; copper nail and washer	884.74

LINE 6.

By C. M. Nichols, 1953; Book AV 344

1 2 0.00 "D 258 1951" (NGS)	615.104
1 2 0.40 U. E., at intersection of U. S. Highway 31W and State Highway 88; on center of E. L-shaped concrete culvert headwall; chiseled square	605.26
1 4 1.84 Rowletts, 0.2 mi N. of RR. station; 1 ft NE. of NE. end of concrete guard rail; in NE. end of NW. headwall of rd. overpass; standard tablet stamped "I CMN 1953 663" (Tied by NGS, 1954)	662.630

LINE 6 (Cont'd.)Feet

1	4	1.84	Reference mark, on SW. end of SE. headwall of rd. overpass; chiseled square	664.20
1	9	4.29	Rowletts, 2.0 mi W. of at Y-rd. intersection, 127 ft NW. of, and 1 ft lower than intersection, 95 ft W. of fence; 210 ft N. of NW. corner of barn; 40 ft NW. of 24-in. sycamore tree; in top of rock; standard tablet stamped "2 CMN 1953 597" (Reported destroyed, 1953)	596.891
1	8	4.24	Reference mark No. 1; 105 ft E. of tablet; at Y-rd. intersection; 30 ft N. of intersection of E. stone headwall; chiseled square	595.05
1	12	5.68	U. E., 40 ft N. of and 4 ft lower than triangular rd. fork, on top of embedded rock; chiseled square	578.87
1	13	6.22	Rowletts, 4.5 mi W. of; 3.7 mi E. of Northtown; at Waterloo School; 255 ft E. of intersection of Y-rds.; 100 ft SW. of intersection of private rd. S.; 23 ft S. and 1.5 ft lower than centerline of rd.; in rock ledge; standard tablet stamped "3 CMN 1953 666" (Reported not found, 1966)	666.114
1	13	6.22	Reference mark, 260 ft NE. of tablet; on E. end of N. concrete culvert headwall; chiseled square	663.60
1	16	7.87	U. E., about 50 ft W. of summit of hill; 15 ft N. of centerline of rd.; on top of rock; chiseled square	738.00
1	17	8.25	Northtown, 1.6 mi NE. of; 62 ft S. of, and 1 ft lower than rd. fork; 13 ft NW. of NE. corner of dwelling; in top of rock; standard tablet stamped "4 CMN 1953 653" (Reported destroyed, 1965)	652.634
1	17	8.25	Reference mark, 12 ft S. of rd. fork; 50 ft N. of tablet; on top of rock; chiseled square	651.93
1	20	9.93	Northtown; 170 ft E. of store of J. E. Logdon; 25 ft W. of junction of T-rd. S.; 5 ft from corner fence post; in concrete post; standard tablet stamped "PRIM TRAV STA NO 27 1920 KY" (Reported not found, 1966)	830.183

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

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69 KENTUCKY
N3700-W8545/15
DIAGRAM NJ 16-9
WINCHESTER

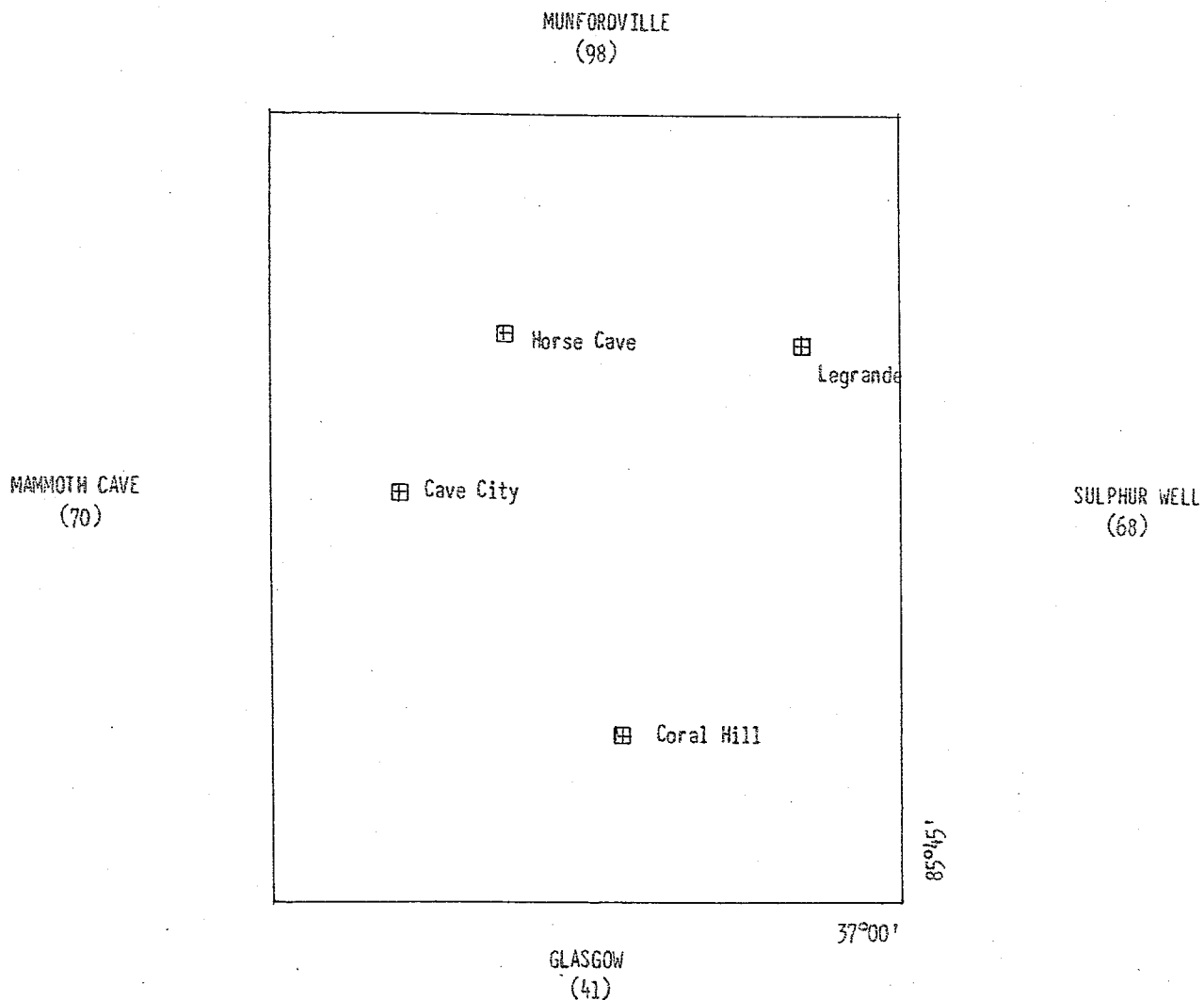
Barren, Hart, and Metcalf Counties

Edition of 10/13/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By B. H. Yoakum, 1920; Book C5162

Cave City, 2.5 mi SW. of; 4.0 mi NE. of Glasgow; 30 ft N. and 15 ft W. of I-rd. S.; 10 ft W. of gate; 2 ft S. of fence; in concrete post; standard tablet stamped "PRIM TRAV STA NO 21 1920 KY 1 MCM 1922"

X = 1,931,533	Y = 284,063	37 06 47.98	85 59 05.29
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Cave City, 1.3 mi NE. of; 330 ft S. of point where Barren-Hart County line crosses rd.; 7 ft E. of leaning cedar tree in front of residence of W. Isenburg; in solid rock; standard tablet stamped "PRIM TRAV STA NO 25 1920 KY" (Not found, 1966)

X = 1,936,095	Y = 299,422	37 09 19.95	85 58 09.41
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Northtown; 170 ft E. of store of J. E. Logdon; 25 ft W. of I-rd. S.; in field; 5 ft from corner fencepost; in concrete post; standard tablet stamped "PRIM TRAV STA NO 27 1920 KY" (Tied by NGS, 1933) (Not found, 1966)

X = 1,927,515.84	Y = 320,739.58	37 12 50.530	85 59 56.085
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By R. H. Lyddan, 1934; Book D947

Glasgow, 2.25 mi W. of; 800 ft W. of RR. crossing; 400 ft W. of rd. S.; on N. side of rd.; set vertically in E. side of SE. foundation stone of Sinking Spring School; standard tablet stamped "W 4 1923 KY" (Reported destroyed, 1960)

X = 1,941,322	Y = 247,146	37 00 43.18	85 57 03.47
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Glasgow, 5.0 mi W. of; 650 ft N. of iron bridge over Beaver Creek on U. S. Highway 68; on N. side of rd., between creek and I-rd. N.; 10 ft W. of W. end of W. abutment of old bridge; on iron post; standard cap stamped "PRIM TRAV STA NO 19 1920 KY 3 MCM 1922" (Not found, 1960)

X = 1,929,575	Y = 249,218	37 01 03.39	85 59 28.37
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Park; 40 ft W. of rd. to Natural Bridge; 120 ft N. of I-rd. W.; about 150 ft N. of store and post office owned by W. M. Hutchens; in concrete post; standard tablet stamped "TI 36 TN 1933 716"

X = 1,992,112	Y = 293,245	37 08 19.60	85 46 37.42
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Park, 3.5 mi W. of; 1.6 mi E. of Jackson Highway; 30 ft N. of rd. at I-rd. S.; in SE. corner of yard; in concrete post; standard tablet stamped "TI 37 TN 1933 699"

X = 1,977,254	Y = 294,391	37 08 30.85	85 49 40.94
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Bear Wallow, 2.6 mi S. of; 0.25 mi N. of hwy. W. to Cave City; 170 ft W. of Jackson Highway; 50 ft S. of I-rd. W.; in Jefferson Seminary Grounds; in concrete foundation of pump; standard tablet stamped "TT 27 TN 1933 715" (Reported disturbed, 1954)

X = 1,964,978 Y = 285,198 37 06 59.32 85 52 12.40

Cave City; in second step of Dixie Hotel; NGS standard disk stamped "D 7 1921" (Reported destroyed, 1966)

X = 1,939,044 Y = 293,125 37 08 17.76 85 57 32.81

Echo, 2.2 mi N. of; 4.3 mi SE. of Hiseville; 1.0 mi S. of church; 30 ft S. of rd.; 20 ft W. of I-rd. S.; in NE. corner of field; in concrete post; standard tablet stamped "TI 40 TN 1933 878"

X = 1,993,751 Y = 262,793 37 03 18.50 85 46 17.09

Glasgow, about 8.5 mi E. of; about 300 ft S. of house; 35 ft S. of centerline of State Highway 80; 24 ft W. of large oak tree; 1 ft N. of fenceline; in concrete post; NGS standard disk stamped "R 13 1928 887.321" (Reported destroyed, 1973)

X = 1,991,258 Y = 247,126 37 00 43.57 85 46 47.79

Glasgow, 6.1 mi E. of; 130 ft S. of house; 32 ft SE. of centerline of Glasgow-Edmonton rd.; 30 ft N. of barn of fence corner; in concrete post; NGS standard disk stamped "S 13 1928 875.271"

X = 1,981,021 Y = 248,597 37 00 58.07 85 48 54.01

Glasgow, 3.8 mi E. of, along Glasgow-Edmonton rd.; 40 ft N. of centerline of rd.; 30 ft NW. of culvert; 1 ft S. of fenceline; in concrete post; NGS standard disk stamped "I 13 1928 798.325"

X = 1,969,948 Y = 246,727 37 00 39.48 85 51 10.52

Glasgow, 1.5 mi E. of, along Glasgow-Edmonton rd.; 140 ft SE. of house; 40 ft N. of centerline of rd.; 30 ft E. of large sycamore tree; at fence corner; in concrete post; NGS standard disk stamped "U 13 1928 757.108" (Not found, 1973)

X = 1,959,718 Y = 245,620 37 00 28.40 85 53 16.63

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

By J. R. Harris, 1952; Book AH 262

Glasgow, 0.65 mi N. of courthouse, along U. S. Highway 31E, thence 6.5 mi NW. along State Highway 351; 2.6 mi SE. of junction of U. S. Highway 31W; 390 ft N. of junction of Y-rd.; at offset crossroad; 3 ft S. and 35 ft E. of junction of hwy. and I-rd. W.; 17 ft S. of centerline of rd. E.; 8 ft SE. of power pole; in concrete post; standard tablet stamped "TI 15 JRH 1952"

X = 1,936,510	Y = 272,086	37 04 49.67	85 58 03.51
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Stovall, 2.0 mi NE. of RR. crossing; 600 ft SW. of church; 27 ft SSE. of centerline of rd.; 20 ft NE. of SW. end of small woods lot; 3 ft NW. of woven wire fence; in concrete post; standard tablet stamped "TI 16 JRH 1952"

X = 1,928,978	Y = 270,950	37 04 38.26	85 59 36.42
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By J. R. Harris, 1953; Book AH 308

Glasgow, about 1.15 mi N. of courthouse, along U. S. Highway 31E; 29 ft NE. of centerline of hwy., opposite hospital; 78 ft SE. of extended centerline of macadam street SW. to hospital; 71 ft NW. of centerline of drive to rock house; 2 ft NE. of power pole; 2 ft SW. of SW. edge of rock retaining wall; about level with hwy.; in concrete post projecting 2 in.; NGS standard disk stamped "J 261 1951"

X = 1,955,165	Y = 246,811	37 00 40.11	85 54 12.78
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Glasgow, about 2.1 mi N. of courthouse, along U. S. Highway 31E; 0.8 mi S. of bridge over Beaver Creek; at junction of private macadam rd. E.; 90 ft S. of centerline of private rd.; 12 ft E. of centerline of hwy.; in top of S. end of E. headwall of 18-ft concrete culvert; NGS standard disk stamped "K 261 1951" (Reported destroyed, 1966)

X = 1,954,421	Y = 251,642	37 01 27.87	85 54 22.06
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Glasgow, 3.0 mi N. of; 600 ft N. of concrete bridge over Beaver Creek; 40 ft E. of centerline of hwy.; in SW. corner of yard; 60 ft W. of SW. corner of house; in concrete post; standard tablet stamped "TI 32 TN 1933 669" (Not found, 1966)

X = 1,955,590	Y = 255,938	37 02 10.37	85 54 07.73
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Glasgow, about 3.96 mi N. of courthouse, along U. S. Highway 31E; 1.05 mi N. of bridge over Beaver Creek; 0.3 mi S. of side rd. E.; 35 ft E. of centerline of hwy.; on outside of long curve with tangents extending N. and SW.; 3 ft S. of E. pole; 12 ft E. of W. pole of twin pole powerline structure; 1 ft W. of fenceline; about 3 ft lower than hwy.; in concrete post projecting 8 in.; NGS standard disk stamped "M 261 1951"

X = 1,957,105	Y = 260,602	37 02 56.51	85 53 49.14
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Glasgow, about 4.9 mi N. of courthouse, along U. S. Highway 31E; 0.85 mi S. of power substation; 0.65 mi N. of I-rd. E.; 30 ft S. of extended centerline of graveled rd. W.; 31 ft E. of centerline of hwy.; 1 ft W. of W. wall, at SW. corner of large barn; about 2 ft lower than hwy.; in concrete post projecting 2 in.; NGS standard disk stamped "N 261 1951"

X = 1,957,302 Y = 265,521 37 03 45.15 85 53 46.78

Griderville, about 2.85 mi S. of intersection of State Highway 70, along U. S. Highway 31E; 0.1 mi N. of power substation; at W. corner of lawn; 88 ft W. of W. corner of two-story house; 32 ft SE. of centerline of hwy.; 10 ft N. of fence corner; 26 ft WSW. of southwesternmost one of ten large maple trees in front lawn; 2 ft NW. of hedge row; about level with hwy.; in concrete post projecting 2 in.; standard tablet stamped "TT 31 TN 1933 813" (Not found, 1966)

X = 1,959,228 Y = 270,282 37 04 32.26 85 53 23.12

Griderville, about 1.85 mi S. of intersection of State Highway 70, along U. S. Highway 31E; 300 ft SW. of, and across hwy. from pipeline booster station; 29 ft W. of centerline of hwy.; 33 ft S. of centerline of drive W. to Adairland Farm; 2 ft S. of SE. corner of southernmost one of two brick posts flanking drive; 2 ft E. of board fence; about 1 ft lower than hwy.; in concrete post projecting 3 in.; NGS standard disk stamped "P 261 1951 RESET 1953"

HORIZONTAL POSITION LOST

Griderville, about 0.85 mi S. of intersection of State Highway 70, along U. S. Highway 31E; at junction of graveled rd. NW. flanked by rock posts and rock wall; 42 ft NW. of centerline of hwy.; 35 ft SW. of centerline of rd. NW.; 25 ft NW. of N. corner of rock post SW. of rd.; 3 ft W. of NW. end of rock wall; 1 ft NE. of fence-line; about level with hwy.; in concrete post projecting 4 in.; NGS standard disk stamped "Q 261 1951" (Reported destroyed, 1954)

X = 1,963,712 Y = 279,612 37 06 04.57 85 52 27.94

Griderville, about 0.85 mi N. of intersection of State Highway 70, along U. S. Highway 31E; 38 ft W. of centerline of hwy.; 14 ft N. of junction of drive W. to white farmhouse; 87 ft NE. of NE. corner of house; 4 ft W. of fence corner; 1 ft S. of fenceline; about level with hwy.; in concrete post projecting 4 in.; NGS standard disk stamped "R 261 1951"

X = 1,965,724 Y = 288,427 37 07 31.76 85 52 03.24

Griderville, about 2.4 mi N. of intersection of State Highway 70, along U. S. Highway 31E; 0.35 mi S. of Hart-Barren County line; 31 ft E. of centerline of hwy.; on inside of long curve with tangents extending S. and NE.; 87 ft N. of centerline of narrow graveled rd. E.; 72 ft N. of N. end of 18-in. pipe culvert under rd. E.; in top of boottom ledge of rock cut; 0.5 ft E. of W. edge of ledge; about level with hwy.; NGS standard disk stamped "T 261 1951"

X = 1,967,652 Y = 296,481 37 08 51.42 85 51 39.55

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Horse Cave, 3.5 mi SE. of; 0.75 mi N. of Bear Wallow; 60 ft S. of I-rd. E.; 20 ft E. of hwy.; at Willis Family Cemetery; in concrete post; standard tablet stamped "TI 26 TN 1933"

X = 1,966,979 Y = 301,456 37 09 40.61 85 51 47.94

Horse Cave, 1.75 mi E. of Baptist Church, along State Highway 218; on W. slope of hill; 450 ft W. of top of grade; 300 ft W. of junction of rd. N.; 270 ft E. of Horse Cave Stock Yards; 24 ft N. of centerline of hwy.; about 2 ft higher than hwy.; in shallow rock cut; in top of outcrop; NGS standard disk stamped "C 260 1951"

X = 1,964,934 Y = 306,882 37 10 34.23 85 52 13.28

Horse Cave, about 0.9 mi E. of Baptist Church, along State Highway 218; 0.6 mi E. of entrance to Horse Cave Cemetery; 119 ft SW. of SW. corner of large two-story white house; 37 ft N. of centerline of hwy.; 2 ft E. of power pole with branch line to house; 12 ft W. of fence corner; 1 ft S. of fenceline; about 2 ft higher than hwy.; in concrete post projecting 5 in.; NGS standard disk stamped "U 259 1951"

X = 1,960,295 Y = 307,488 37 10 40.16 85 53 10.62

Horse Cave, 1.9 mi N. of, along U. S. Highway 31W; 450 ft N. of crossroads; 25 ft W. of centerline of hwy.; just N. of Cave View Motel and Cafe; 91 ft from RR. signal light No. 782; 57 ft E. of centerline of RR.; 3 ft lower than hwy.; in top near center of W. concrete headwall of culvert; standard tablet stamped "TI 8 JRH 1953"

X = 1,961,481 Y = 315,510 37 11 59.50 85 52 56.10

Rowletts, about 1.3 mi S. of, along L. & N. RR.; 25 ft N. of centerline of rd.; 30 ft E. of track at rd. crossing; in concrete post set flush with ground; NGS standard disk stamped "A 7 1921" (Not found, 1953)

X = 1,962,210 Y = 324,456 37 13 27.97 85 52 47.23

Rowletts, about 0.2 mi N. of RR. station; 1 ft NE. of NE. end of guardrail; in NE. end of NW. headwall of rd. overpass; standard tablet stamped "I CMN 1953 663 TI"

X = 1,958,351 Y = 330,900 37 14 31.63 85 53 35.08

Cave City, 2.4 mi SW. of, along U. S. Highway 31W, thence 1.2 mi ESE. along State Highway 351; 75 ft SE. of I-rd. SW.; 22 ft ENE. of centerline of hwy.; 10 ft WSW. of fence; about 6 ft lower than hwy.; in S. end of concrete headwall of culvert; standard tablet stamped "TI 9 JRH 1953"

X = 1,934,496 Y = 278,353 37 05 51.59 85 58 28.54

Cave City, 2.4 mi SW. of, along U. S. Highway 31W; 145 ft SE. of junction with State Highway 351; 17 ft SW. of centerline of Highway 351; 15 ft NE. of fenceline; about 2 ft lower than hwy.; in top near center of concrete headwall of culvert; standard tablet stamped "TI 10 JRH 1953"

X = 1,930,691 Y = 283,514 37 06 42.53 85 59 15.67

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Cave City, 2.2 mi W. of post office, along State Highway 70; 1.8 mi E. of Highland Springs; 50 ft SW. of SW. corner of two-story white house; 21 ft E. of W. yard fence corner; 17 ft N. of centerline of hwy.; 10 ft S. of fence; in limestone outcrop about 1 ft higher than hwy.; standard tablet stamped "TT 11 JRH 1953"

X = 1,928,651

Y = 291,912

37 08 05.52

85 59 41.12

MARK TIED BY NGS

By R. H. Lyddan, 1934; Book 0947

Cave City, 2.5 mi E. of; 200 ft E. of pond; 150 ft W. of small woods; 25 ft S. of hwy.; directly opposite residence of Mrs. H. M. Fishback; in concrete post; standard tablet stamped "TT 28 TN 1933 713" (Reported destroyed, 1966)

X = 1,949,633.33

Y = 286,660.14

37 07 14.046

85 55 21.888